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WASHINGTON, D.C. 20004

8733.475.00



101881971A

UNITED STATES PATENT AND TRADEMARK OFFICE
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DOCUMENT ID NO.: 101881971

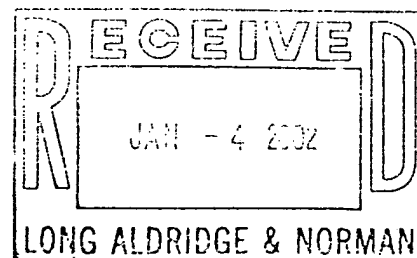
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1. THE DOCUMENT SUBMITTED FOR RECORDING IN THE ASSIGNMENT DIVISION HAS BEEN FOUND NON-RECORDABLE, "YONG BEOM KIM" MUST ALSO SIGN AND DATE DOCUMENT.

TARA WASHINGTON, EXAMINER
ASSIGNMENT DIVISION
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10-23-2001



101881971

Atty. Docket No.: 8733.475.00

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Dong Guk KIM
Woong Kwon KIM
Kyoung Su HA
Heume Il BAEK
Yong Beom KIM

Additional name(s) of conveying party(ies)
attached? ☐ Yes ☒ No

3. Nature of Conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

Execution Dates: 10/10/01 and 10/15/01

2. Name and address of receiving party(ies):

Name: LG.Philips LCD Co., Ltd.
Address: 20, Yoido-dong, Youngdungpo-ku
Seoul, KOREA

Additional name(s) and address(es) attached? ☐ Yes ☒ No

RECEIVED

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OFFICE OF PETITIONS

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence
concerning document should be mailed:

LONG ALDRIDGE & NORMAN, LLP
701 Pennsylvania Avenue, N.W.
Sixth Floor, Suite 600
Washington, D.C. 20004

6. Total applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$40.00

- ☒ Enclosed
☐ Authorized to be charged to deposit account

8. Deposit account number: 50-0911

(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Song K. Jung

Name of Person Signing

Registration Number:

Signature

October 16, 2001

Date

Total number of pages including this cover sheet: 3

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Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks
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Washington, D.C. 20231

Docket No.: 8733.475.00

Assignment of Application

WHEREAS, I (WE) Dong Guk KIM, Woong Kwon KIM, Kyoung Su HA,
Heume Il BAEK and Yong Beom KIM, respectively,

have invented certain new and useful improvements in:

**REFLECTIVE AND
TRANSFLECTIVE**

LIQUID CRYSTAL DISPLAY DEVICE AND ITS MANUFACTURING METHOD

for which an application for Letters Patent was executed
 on

(Application No. 09/893,557, Filed 6/29/2001), and

WHEREAS, LG Philips LCD Co., Ltd.
 (hereinafter referred to as "ASSIGNEE") having a place of business at:
20 Yoido-dong, Youngdungpo-ku, Seoul, KOREA

is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behalf of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

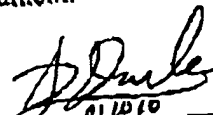
Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and

all foreign countries.

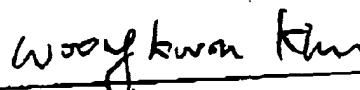
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The undersigned hereby grant(s) the firm of Long Aldridge & Norman LLP, Attorneys at Law, 6th Floor, 701 Pennsylvania Avenue, N.W., Washington, D.C. 20004 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

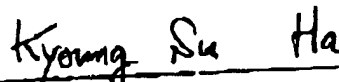
Date: 2001. 10. 10


(Signature of Inventor)
Dong Guk KIM

Date: Oct. 11. 2001


(Signature of Inventor)
Woong Kwon KIM

Date: 2001. 10. 10


(Signature of Inventor)
Kyoung Su HA

Date: 2001. 10. 10


(Signature of Inventor)
Heume Il BAEK

Date: _____

(Signature of Inventor)
Yong Beom KIM

Long Aldridge & Norman LLP
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